```
       (FILE 'USPAT' ENTERED AT 14:08:53 ON 10 SEP 1999)
L1          1 S 5878422/PN
L2          1 S 5819258/PN
L3          1 S L1 AND (INDEX? OR INDEX OR INDICE#)
L4          1 S L2 AND (INDEX? OR INDEX OR INDICE#)
L5        301 S B-TREE OR BTREE INDEX
L6          0 S L5 AND (HIERARCAL OR HIERARCHIAL (W) FOLDER#)
L7          8 S L5 AND (HIERARCAL OR HIERARCHIAL)
L8     273684 S L7 AND FOLDER# OR CONTAINER#
L9          1 S L7 AND (FOLDER# OR CONTAINER#)
L10         1 S (FILE ALLOCATION (W) SYSTEM)
L11      2413 S (ELECTRONIC MAIL OR EMAIL)
L12      6210 S L11 AND FOLDER OR FOLDER#
L13       237 S L11 AND (FOLDER OR FOLDER#)
L14       991 S L13 AND HIERARCHICAL OR HIERARCHIAL
L15        84 S L13 AND (HIERARCHICAL OR HIERARCHIAL)
L16        72 S L15 AND (DATA STRUCTURE OR DATABASE)
L17        52 S L11 AND (LOTUS NOTE#)

=> d 13


1.  **5,878,422**, Mar. 2, 1999, System for virtually converting data in
a field between first and second format by using hook routines; Yehuda
```

> s 119 and (index or index? or indice#)

```
        171118  INDEX
        200923  INDEX?
         27907  INDICE#
L22         11  L19 AND (INDEX OR INDEX? OR INDICE#)
```

=> d 122 1-11

1. 5,949,413, Sep. 7, 1999, Database graphical user interface with tabbed user view; Nicholas Lerissa, et al., 345/330, 349, 350 [IMAGE AVAILABLE]

2. 5,930,474, Jul. 27, 1999, Internet organizer for accessing geographically and topically based information; Peter D. Dunworth, et al., 709/217; 707/10 [IMAGE AVAILABLE]

3. 5,920,873, Jul. 6, 1999, Data management control system for file and database; Gary Alan Van Huben, et al., 707/202, 201, 203, 204 [IMAGE AVAILABLE]

4. 5,913,032, Jun. 15, 1999, System and methods for automatically distributing a particular shared data object through **electronic mail**; Richard Lee Schwartz, et al., 709/213, 201, 203, 206, 214, 245, 302, 303

5. 5,898,431, Apr. 27, 1999, Database graphical user interface with calendar view; Roger Webster, et al., 345/331, 332 [IMAGE AVAILABLE]

6. 5,874,953, Feb. 23, 1999, Database graphical user interface with outline view; Roger Webster, et al., 345/329, 331, 356, 357 [IMAGE AVAILABLE]

7. 5,870,717, Feb. 9, 1999, System for ordering items over computer network using an electronic catalog; Charles Francis Wiecha, 705/26; 235/385 [IMAGE AVAILABLE]

8. 5,862,325, Jan. 19, 1999, Computer-based communication system and method using metadata defining a control structure; Drummond Shattuck Reed, et al., 709/201; 395/200.42, 200.58, 200.72, 200.74; 707/10, 203, 204; 709/212, 228, 242, 244 [IMAGE AVAILABLE]

9. 5,764,899, Jun. 9, 1998, Method and apparatus for communicating an optimized reply; Gene Eggleston, et al., 709/203; 348/6, 7 [IMAGE AVAILABLE]

10. 5,684,984, Nov. 4, 1997, Synchronization and replication of object databases; Anne Jones, et al., 707/10; 345/342; 707/100, 102, 103; 711/152 [IMAGE AVAILABLE]

11. 5,625,818, Apr. 29, 1997, System for managing local database updates published to different online information services in different formats

from a central platf⬤rm; Craig Zarmer, et al., 707/10⬤ 364/282.4, DIG.1;
707/9 [IMAGE AVAILA⬤

```
=> s l19 and (hierarchial or hierarchy)

        916 HIERARCHIAL
       9450 HIERARCHY
L21        9 L19 AND (HIERARCHIAL OR HIERARCHY)

=> d l21 1-9
```

1. 5,949,413, Sep. 7, 1999, Database graphical user interface with
tabbed user view; Nicholas Lerissa, et al., 345/330, 349, 350 [IMAGE
AVAILABLE]

2. 5,930,474, Jul. 27, 1999, Internet organizer for accessing
geographically and topically based information; Peter D. Dunworth, et
al., 709/217; 707/10 [IMAGE AVAILABLE]

3. 5,920,873, Jul. 6, 1999, Data management control system for file and
database; Gary Alan Van Huben, et al., 707/202, 201, 203, 204 [IMAGE
AVAILABLE]

4. 5,913,032, Jun. 15, 1999, System and methods for automatically
distributing a particular shared data object through **electronic
mail**; Richard Lee Schwartz, et al., 709/213, 201, 203, 206, 214, 245,
302, 303

5. 5,870,717, Feb. 9, 1999, System for ordering items over computer
network using an electronic catalog; Charles Francis Wiecha, 705/26;
235/385 [IMAGE AVAILABLE]

6. 5,862,325, Jan. 19, 1999, Computer-based communication system and
method using metadata defining a control structure; Drummond Shattuck
Reed, et al., 709/201; 395/200.42, 200.58, 200.72, 200.74; 707/10, 203,
204; 709/212, 228, 242, 244 [IMAGE AVAILABLE]

7. 5,684,984, Nov. 4, 1997, Synchronization and replication of object
databases; Anne Jones, et al., 707/10; 345/342; 707/100, 102, 103;
711/152 [IMAGE AVAILABLE]

8. 5,625,818, Apr. 29, 1997, System for managing local database updates
published to different online information services in different formats
from a central platform; Craig Zarmer, et al., 707/104; 364/282.4, DIG.1;
707/9 [IMAGE AVAILABLE]

9. 5,548,506, Aug. 20, 1996, Automated, electronic network based,
project management server system, for managing multiple work-groups;
Seshan R. Srinivasan, 705/8; 364/226.7, DIG.1; 700/95; 706/919; 709/206
[IMAGE AVAILABLE]